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CKAP2 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14743

Product Information

Application	WB
Primary Accession	Q8WWK9
Other Accession	NM_001098525, NP_001091995
Reactivity	Human, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76987

Additional Information

Gene ID	26586
Alias Symbol	DKFZp686L1238, FLJ10749, LB1, TMAP, se20-10
Other Names	Cytoskeleton-associated protein 2, CTCL tumor antigen se20-10, Tumor- and microtubule-associated protein, CKAP2 (HGNC:1990)
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CKAP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CKAP2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

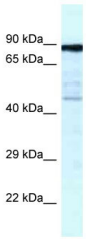
Name	CKAP2 (HGNC:1990)
Function	Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53/TP53- dependent manner (By similarity).
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Contrary to the ectopically expressed protein, endogenous CKAP2 does not colocalize with microtubules in G1, S and early G2. At late G2 and prophase after separation of duplicated centrosomes, colocalizes with gamma-tubulin and centrosome-proximal microtubules. From prometaphase through anaphase B, colocalizes with

	mitotic spindle poles and spindle microtubules. During cytokinesis, absent from midbody microtubules
Tissue Location	Abundant in testis, thymus, and in tumor derived cell lines, while barely detectable in liver, prostate, and kidney

References

Maouche-Chretien L.,et al.Oncogene 17:1245-1251(1998).
Udina I.G.,et al.Genetika 37:120-123(2001).
Bae C.-D.,et al.J. Cancer Res. Clin. Oncol. 129:621-630(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



WB Suggested Anti-CKAP2 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.